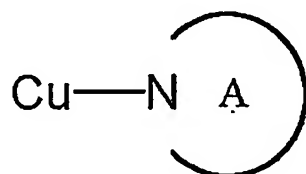


## CLAIMS

1. A light emitting device comprising a pair of electrodes provided on a substrate, and an organic substance layer provided between the electrode and  
5 comprising a metal coordination compound having a partial structure represented by the general formula (1):



(1)

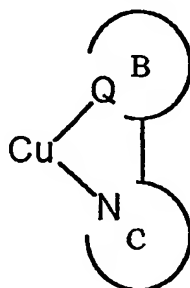
- 10 wherein Cu represents a copper ion, and heterocyclic ring A including nitrogen atom N represents a pyridine or quinoline ring, or a heterocyclic ring having one or more C-H of a pyridine or quinoline ring replaced with nitrogen atom(s), and the  
15 heterocyclic rings may have a substituent selected from the group consisting of an aromatic ring group that may have a substituent, a halogen atom, or a linear or branched alkyl group having 1 to 10 carbon atoms in which only a single methylene group or two  
20 or more non-adjacent methylene groups of the alkyl group may be substituted with -O-, -S-, -CO-, -CO-O-, -O-CO-, -CH=CH-, or -C≡C-, and a hydrogen atom of the alkyl group may be substituted with a fluorine atom

or an aromatic ring group.

2. The light emitting device according to claim 1, wherein the copper ion has +1 charge.

5

3. The light emitting device according to claim 1, wherein the organic substance layer comprises a metal coordination compound having a partial structure represented by the general formula (2):



10

(2)

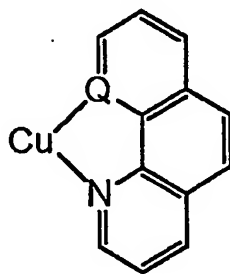
wherein Cu represents a copper ion; B represents an aromatic or heterocyclic ring; C represents a heterocyclic ring; the rings B and C bond to each other via a covalent bond; the heterocyclic ring C including nitrogen atom N represents a pyridine, quinoline or isoquinoline ring that may have a substituent, or a heterocyclic ring having one or more C-H of the pyridine, quinoline or isoquinoline ring replaced with nitrogen atom(s); Q of the ring B represents a carbon or nitrogen atom; the ring B is a phenyl, pyridine, naphthalene, quinoline, or isoquinoline ring that may have a substituent, or a

15

20

heterocyclic ring having one or more C-H of the phenyl, pyridine, naphthalene, quinoline, or isoquinoline ring replaced with nitrogen atom(s); and the substituent is selected from the group consisting  
5 of an aromatic ring group that may have a substituent, a halogen atom, or a linear or branched alkyl group having 1 to 10 carbon atoms in which only a single methylene group or two or more non-adjacent methylene groups of the alkyl group may be substituted with -O-,  
10 -S-, -CO-, -CO-O-, -O-CO-, -CH=CH-, or -C≡C-, and a hydrogen atom of the alkyl group may be substituted with a fluorine atom or an aromatic ring group.

4. The light emitting device according to claim  
15 3, wherein the organic substance layer comprises a metal coordination compound having a partial structure represented by the general formula (3):



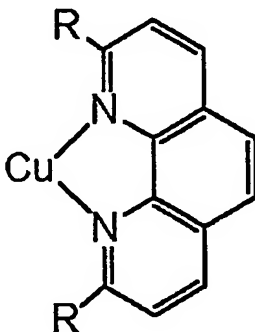
(3)

20 wherein Cu represents a copper ion; Q represents a carbon or nitrogen atom; each ring may have a substituent and may have one or more C-H thereof replaced with nitrogen atom(s); and the substituent

is selected from the group consisting of an aromatic ring group that may have a substituent, a halogen atom, or a linear or branched alkyl group having 1 to 10 carbon atoms in which only a single methylene group or two or more non-adjacent methylene groups of the alkyl group may be substituted with -O-, -S-, -CO-, -CO-O-, -O-CO-, -CH=CH-, or -C≡C-, and a hydrogen atom of the alkyl group may be substituted with a fluorine atom or an aromatic ring group.

10

5. The light emitting device according to claim 3, wherein the organic substance layer comprises a metal coordination compound having a partial structure represented by the general formula (4):



15

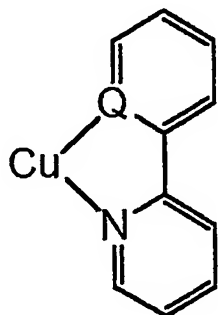
(4)

wherein Cu represents a copper ion; each ring may have a substituent in addition to R and may have one or more C-H thereof replaced with nitrogen atom(s); and R is an aromatic ring group that may have a substituent, a halogen atom, or a linear or branched alkyl group having 1 to 10 carbon atoms in which only

20

a single methylene group or two or more non-adjacent methylene groups of the alkyl group may be substituted with -O-, -S-, -CO-, -CO-O-, -O-CO-, -CH=CH-, or -C≡C-, and a hydrogen atom of the alkyl  
5 group may be substituted with a fluorine atom or an aromatic ring group.

6. The light emitting device according to claim 3, wherein the organic substance layer comprises a  
10 metal coordination compound having a partial structure represented by the general formula (5):



(5)

wherein Cu represents a copper ion; Q represents a  
15 carbon or nitrogen atom; each ring may have a substituent and may have one or more C-H thereof replaced with nitrogen atom(s); and the substituent is selected from the group consisting of an aromatic ring group that may have a substituent, a halogen  
20 atom, or a linear or branched alkyl group having 1 to 10 carbon atoms in which only a single methylene group or two or more non-adjacent methylene groups of

the alkyl group may be substituted with -O-, -S-,  
-CO-, -CO-O-, -O-CO-, -CH=CH-, or -C≡C-, and a  
hydrogen atom of the alkyl group may be substituted  
with a fluorine atom or an aromatic ring group.

5

7. The light emitting device according to claim  
1, having a light emission lifetime is 0.1 μsec or  
more.

10

8. The light emitting device according to claim  
1, having a light emission lifetime is 0.5 μsec or  
more.

15

9. A display apparatus comprising the light  
emitting device as set forth in claim 1 and an  
electrical signal application circuit for applying an  
electrical signal to drive the light emitting device.